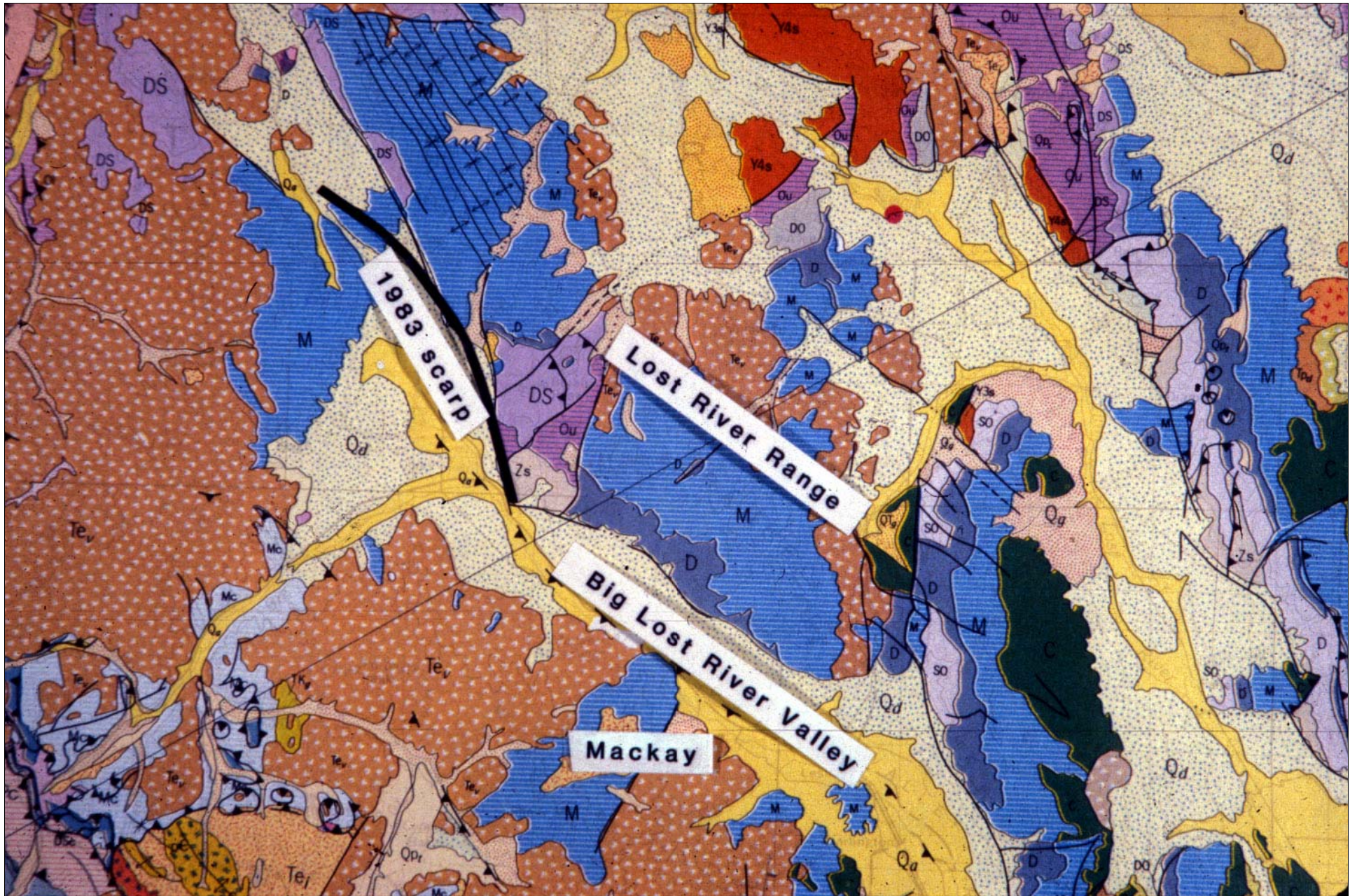




Neogene active faults in eastern Idaho, traced from USGS compilation.



Simplified geologic map of the Borah Peak area, with the Idaho Geologic map as a base.

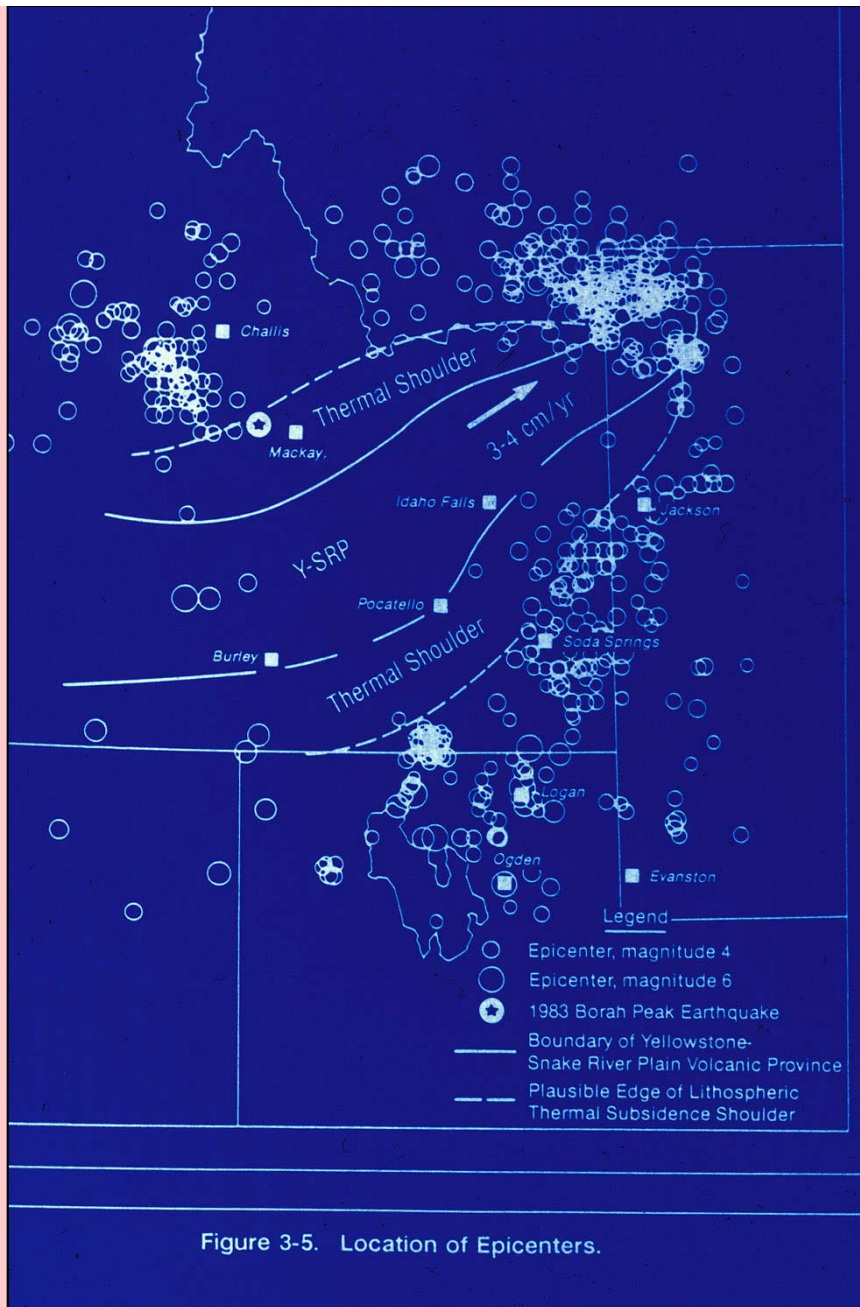


Figure 3-5. Location of Epicenters.

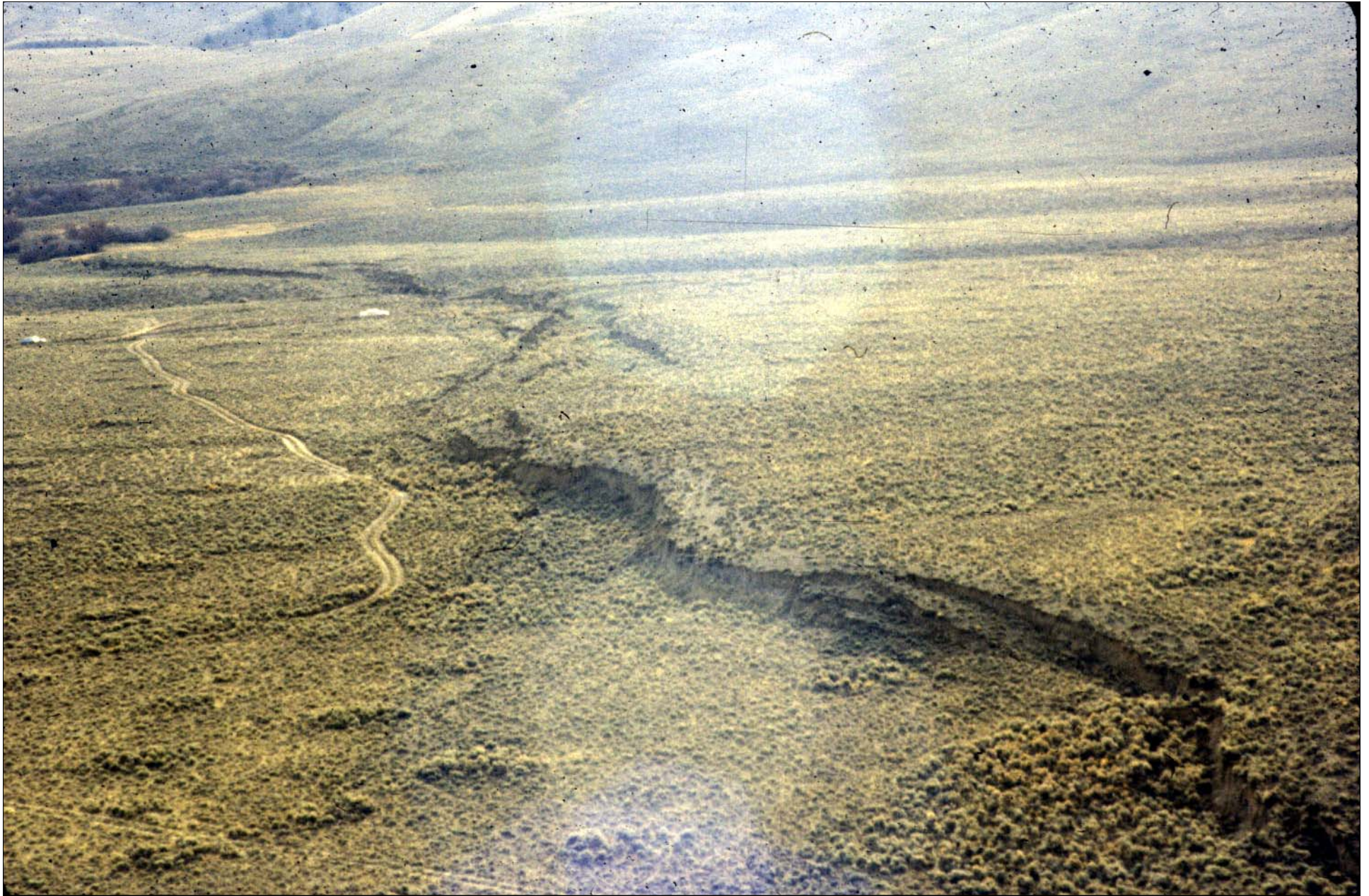
Earthquake epicenters in the Intermountain Seismic Belt. Source R. Smith, U of Utah.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



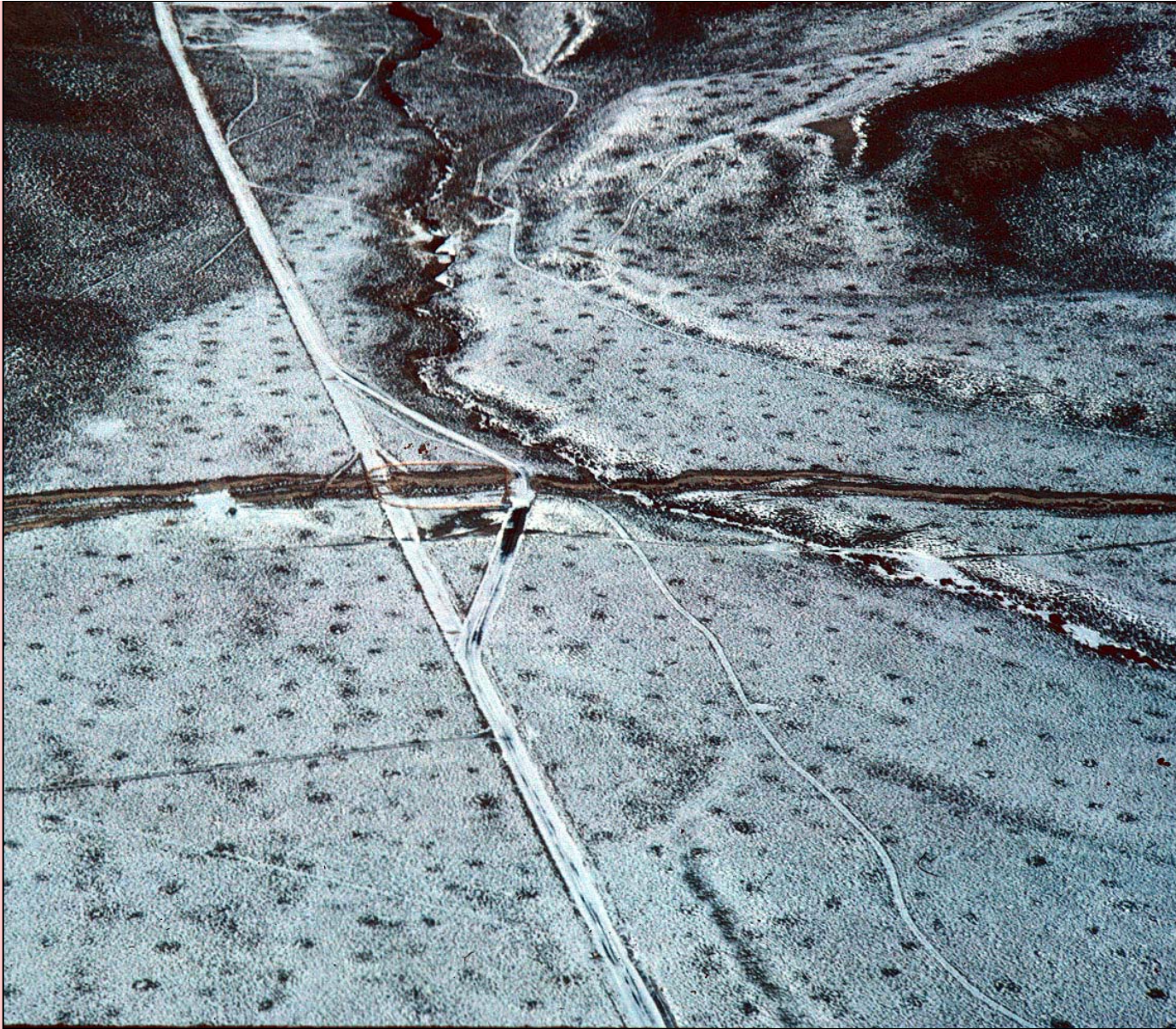
Borah Peak is the high peak on the left. View shows southwest front of Lost River Range from Trail Creek road looking northeast.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Borah Peak fault scarp looking northwest from near Doublespring Pass road.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Aerial view looking northeast up DoubleSpring pass road. Straight road was damaged, so new road was built to the southeast. The Earthquake historical site is now located across the straight and badly damaged road.



Doublespring Pass road. Historical site is now located here. Eldon Jensen surveys the damage.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



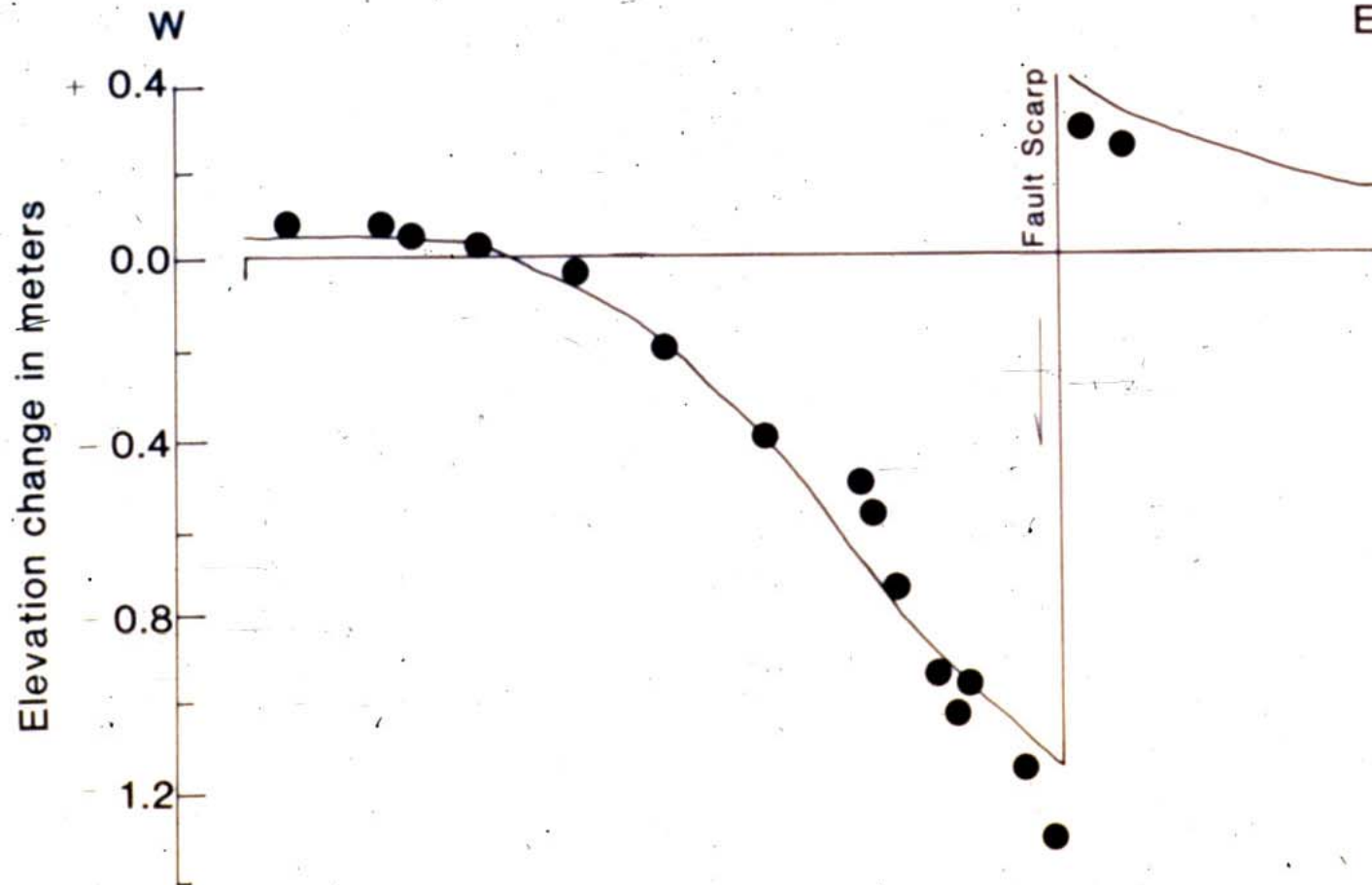
Fault scarp from Borah peak earthquake. Scarp runs across the photo. Roadway with white truck runs up the gully.



Damaged irrigation ditch at Rock Creek after Borah peak quake.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>

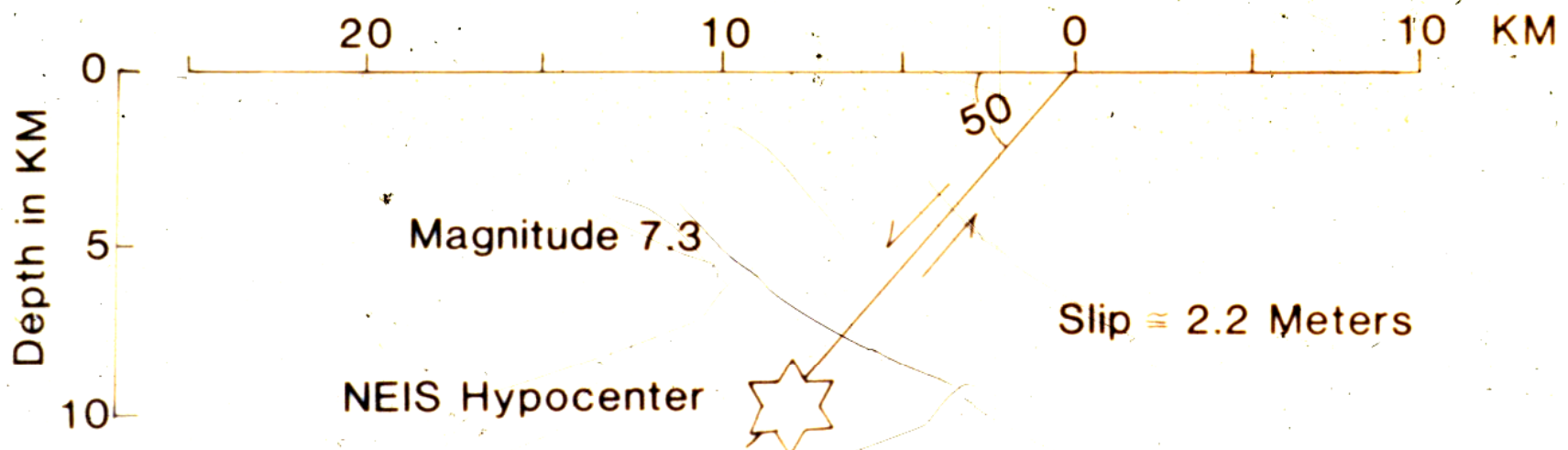
BIG LOST RIVER VALLEY LEVEL LINE 1983 Idaho Earthquake



Data from: Bill N. Savage, Challis
National Forest, Challis, Idaho

13

Level line of ground across the Doublespring Pass road after the earthquake. The valley dropped more than the mountain rose.



Cross section through Big Lost River Valley showing earthquake hypocenter

Data from: Bill N. Savage, Challis National Forest, Challis, Idaho

★
84



Old brick building which was damaged by shaking of Borah Peak earthquake.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Car damaged by bricks falling from building in previous slide, Mackay.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Destroyed buildings in Mackay, damaged by quake.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Damage in Challis, Idaho, from rolling rock let loose by earthquake.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Rock that rolled in front of house in Challis, Idaho, painted for Halloween.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>



Sand Boils at Chilly Butte after the earthquake. Note small structures between the explosion craters.



Farmer showing how high the water was flowing out of the sand boils. The white sand was deposited by the water eruption.

Slide by Paul K. Link
<http://geology.isu.edu/nsf-isugeol>